
FAUNISTIC RECORDS FROM THE CZECH REPUBLIC – 303

Lepidoptera:**Acrolepiidae**

Digitalva arnicella (Heyden, 1863). Bohemia occ., Mariánská (5643), 800 m a.s.l., 15.–20.vii.1991, 2 ♂♂ (1 spec. genitalia examined), J. Skyva lgt., det. et coll.; Bohemia mer.: Arnoštov (7149), 880 m a.s.l., 22.vii.2009, 1 ♂ captured in *Pinus rotundata* forest with *Arnica montana*; Přední Zvonková, Pod Borkovou Nature Reserve (7350), 725 m a.s.l., 12.vii.2010, 1 ♂ (genitalia examined), both J. Šumpich lgt., det. et coll. Widely distributed in Europe, it is absent from the Iberian and Balkan Peninsula, islands and eastern countries (Gaedike 2009). From Bohemia it is known only on the basis of old vouchers from Františkovy Lázně (Sterneck & Zimmermann 1933) and Zákupy and Stráž nad Nežárkou (Gaedike 1980). The only record from Moravia (from Hodonín-Zbrod in 1982) was published by Janovský & Gottwald (1990). Confirmed occurrence in Bohemia after more than 80 years.

Gracillariidae

Parornix szocsi (Gozmány, 1952). Moravia mer.: Kobylí-Lácary (7067), 20.iv.2009, 1 ♂ (genitalia examined), J. Liška lgt., det. et coll.; National Park Podyjí, Havraníky, Fládnitzské vřesoviště Natural Monument (7161), 11.v.2009, 1 ♂ (genitalia examined), J. Šumpich lgt., det. et coll. Rather poorly known species, recorded in Spain, Sardinia, Austria, Czech Republic, Slovakia, Hungary, Romania, and Russia (Buszko 2009). In the Czech Republic hitherto known only from Karlštejn in central Bohemia (Novák & Liška 1997). New species for Moravia.

Scythrididae

Scythris kasyi Hannemann, 1962. Moravia mer.: Kobylí-Lácary (7067), 27.v.2009, 1 ♂, 8.vi.2009, 2 ♂♂, 14.vii.2010, 3 ♀♀; Bořetice-Zázmoniky (7066), 14.vii.2010, 1 ♂, J. Liška lgt., det. et coll. Known distribution of this very rare species is restricted to central and eastern Europe. Records are known from northern Austria (type locality), western Slovakia and also from south-eastern Russia (territory of “Južnyj Ural”) (Nupponen et. al. 2000, Bengtsson 2009). New species for the Czech Republic.

Coleophoridae

Coleophora frischella (Linnaeus, 1758). Bohemia mer.: National Park Šumava (Bohemian Forest Region), Knížecí Pláně near Borová Lada (7048), montane *Nardus* grasslands, 1000 m a.s.l., 10.vi.2004, 1 ♂ (genitalia examined), 28.vi.2004, 2 spec. (published as *Coleophora alcyonipennella* (Kollar, 1832) by Šumpich (2008)); Zábrdí, V Polích Natural Monument

(6949), 640 m a.s.l., 20.v.2009, 1 ♂ (genitalia examined), 8.vi.2010, 10 spec., 12.vii.2010, 9 spec., J. Šumpich lgt., det. et coll. The occurrence of *C. frischella* has been mentioned from many localities in Bohemia as well as Moravia (Sterneck & Zimmermann 1933, Skala 1912–1913), but at that time it was not differentiated from the related *C. alcyonipennella*. Today, both species are listed in the checklist for the Czech Republic (Laštůvka & Liška 2009), but precise faunistic data have only been published for *C. alcyonipennella* (e.g. Marek et al. 1991, Krampfl & Marek 1999, Laštůvka & Marek 2002). The *Coleophora frischella* group was recently revised by Stübner (2007) and this author mentioned reliable and documented records in Europe only from Germany, Austria, Switzerland, Italy and France. The first confirmed record from the Czech Republic.

Coleophora variicornis Toll, 1952. Moravia mer., Strážnice-Přívov (7069), 30.vi.1994, 1 ♂, at light, J. Marek lgt., det. et coll. Distribution of this species is still insufficiently known; recorded from France, Italy, Balkan Peninsula, Bulgaria, also from Turkey and Turkmenistan, in central Europe known only from Germany and Slovakia (Nuss & Stübner 2003, Stübner 2007, Ig. Richter, pers. comm.). New species for the Czech Republic.

Autostichidae

Oegoconia novimundi (Busck, 1915). Moravia mer.: Zlín – Jižní svahy (6771), 275 m a.s.l., 8.vii.2005, 1 ♂ (genitalia examined), M. Elsnerová & V. Elsner leg. et coll., J. Šumpich det.; Dolní Morava Biosphere Reserve, Lanžhot env., Soutok (7367), 160 m a.s.l., 8.vii.2009, 1 ♂ (genitalia examined), J. Šumpich lgt., det. et coll. Described from Pennsylvania in USA. Today, very locally distributed in central, western and southern parts of Europe (Vives 2009). In neighbouring countries only known from recent records from Austria (Huemer 1998), Slovakia (Tokár et al. 2002) and Germany (Sutter 2003). New species for the Czech Republic.

Tortricidae

Lobesia littoralis (Humphreys et Westwood, 1845). Moravia centr., Lelekovice (6765), 21.vii.2009, 25 ♂♂, J. Marek lgt., det. et coll. Adults were flying in cultures of various *Armeria* species in an ornamental gardens between 8 and 9 a.m. Characteristic coastal species with host plant preference for *Armeria maritima*, occasionally inland occurrence in gardens has been observed; known from Portugal across Italy and Sicily to Croatia, North Africa and Turkey in the Mediterranean area, and across France, Ireland, England, Belgium, Luxembourg, Netherlands, and Denmark to southern Scandinavia on the Atlantic or Baltic coast. It was also recorded from the Faroes, Channel Islands and Iceland. In central Europe known only from Switzerland (Razowski 2003, Trematerra & Baldizzone 2004, Aarvik, 2009). It was doubtless introduced with ornamental plants into the Czech Republic. New alien species for the Czech Republic.

Epinotia pusillana (Peyerimhoff, 1863). Bohemia mer.: Arnoštov env., Dlouhý hřbet ridge (7149), 1000 m a.s.l., 13.vii.2009, 1 ♂ (genitalia examined); Sedliště, Míchov Nature Reserve (6750), 470 m a.s.l., 20.viii.2009, 1 ♂ (genitalia examined); Moravia occ., Nová Ves u Moravské Třebové, Pod skálou Natural Monument (6265), 600 m a.s.l., 19.vii.2008, 1 spec., all J. Šumpich lgt., det. et coll. Local species with mainly central European distribution

(Aarvick 2009). In the Czech Republic recorded from Moravia (Skala 1912–1913, Šumpich et al. 2007) and with an older record from Bohemia (Patočka 1958). Confirmed occurrence in Bohemia after approximately 50 years.

Endothenia lapideana (Herrich-Schäffer, 1851). Bohemia centr., Praha-Zbraslav, Hradiště (6052), 18.v.1986, 1 ♂; Bohemia occ., Ošelín – Německý mlýn (6243), 22.vi.1997, 1 ♂, both J. Liška lgt., det. et coll.; Bohemia mer., Zábrdí, V Polích Natural Monument (6949), 640 m a.s.l., 14.vii.2009, 1 ♂ (genitalia examined), J. Šumpich lgt., det. et coll. Recorded only from central and western Europe (with the exception of the Iberian Peninsula), very local also in Dalmatia (Aarvick 2009). The occurrence in Moravia was mentioned by Skala (1944), Elsner et al. (1997) and Gottwald & Bělín (2001), from Bohemia only a very old record from Klet Hill near České Budějovice is reported by Sterneck & Zimmermann (1933). Confirmed occurrence in Bohemia after 80 years.

Geometridae

Eupithecia insigniata (Hübner, 1790). Bohemia centr.: Suchomasty near Beroun (6150), 350 m a.s.l., 26.iv.2009, 1 spec.; Chramosty (6351), 370 m a.s.l., 9.v.2009, 1 spec., both B. Vodrlind lgt., det. et coll.; Moravia mer.: Bílé Karpaty Protected Landscape Area, Žitková (7073), 590 m a.s.l., 5.v.1995, 1 ♂, 6.v.1995, 1 ♀, L. Šiman lgt., det. et coll., 27.iv.2007, 3 ♂♂, 1 ♀, V. Bělín et J. Uříčář lgt., det. et coll.; Radějov (7170), 240 m a.s.l., 3.v.2008, 1 ♂, 2 ♀♀; Strání (7072), 420 m a.s.l., 25.v.2008, 1 ♂; Horní Němčí (7071), 330 m a.s.l., 17.iv.2009, 2 ♂♂, 3 ♀♀; Vápenky (7171), 450 m a.s.l., 18.iv.2009, 1 ♂, all J. Uříčář lgt., det. et coll. Very local species with European distribution, also recorded from Asia Minor (Mironov 2003). Only very old records were published from the Czech Republic (Sterneck 1929, Krušek & Soldát 1980, Skala 1912–1913). It was regarded as having disappeared from Moravia for a long time (Laštůvka et al. 1993), but has been collected repeatedly in the Bílé Karpaty Mts. in recent years (see above). These records may be the result of recent spreading. Confirmed occurrence in the Czech Republic after more than 60 years.

Noctuidae

Amphipyra perflua (Fabricius, 1787). Bohemia mer.: Arnoštov env., Dlouhý hřbet ridge (7149), 1000 m a.s.l., 22.vii.2009, 1 spec.; Svatá Máří near Vimperk, Maňský vrch Natural Monument (6948), 900 m a.s.l., 20.viii.2009, 1 spec., both J. Šumpich lgt., det. et coll.; Novohradské hory Mts., Žofín (7354), 30.vii.2009, 3 ♂♂; Žofínský prales National Nature Reserve (7354), 760 m a.s.l., 7.viii.2009, 1 ♂, all J. Liška lgt., det. et coll. Widely distributed in Europe, it is absent only in the Iberian Peninsula and islands (Fibiger & Skule 2009). In the Czech Republic, very local in Moravia (Skala 1912–1913, 1936, Laštůvka & Marek 2002, Kuras & Sitek 2007), and only one very old published record known from Bohemia (Sterneck 1929). Confirmed occurrence in Bohemia after approximately 80 years.

Apamea aquila Donzel, 1837. Moravia mer., Mutěnice-Zbrod (7168), 26.vii.2008, 1 ♀, P. Potocký lgt., det. et coll., Z. Laštůvka rev. Species with large, but disjunct range from western Europe to the Kuriles and Japan in the east and to Nepal, northern India and Taiwan in the southeast. In central Europe known from western parts of Germany, Switzerland, Austria, Slovenia and Hungary, always very rare, in habitats with moist acid soils, especially on moor-

land or open ericaceous coniferous forests (Zilli et al. 2005). The only older Slovakian records probably result from incorrect determinations (cf. Hrubý 1964). The sole Bohemian record by Vysoký et al. (1987) is considered erroneous by Novák & Liška (1997) and the species is not given in their list. This southern Moravian record is surprising, but the habitat is consistent with the ecological demands of the species. New species for the Czech Republic.

AARVIK L. 2009: Fauna Europaea: Tortricidae. In: KARSHOLT O. & NIEUKERKEN E. J. van (eds): *Fauna Europaea: Lepidoptera, Moths*. Fauna Europaea, Version 2.1, <http://www.faunaeur.org/> (accessed 22 December 2009). – BENGTSOON B. 2009: Fauna Europaea: Scythrididae. In: KARSHOLT O. & NIEUKERKEN E. J. van (eds): *Fauna Europaea: Lepidoptera, Moths*. Fauna Europaea, Version 2.1, <http://www.faunaeur.org/> (accessed 22 December 2009). – BUSZKO J. 2009: Fauna Europaea: Gracillariidae. In: KARSHOLT O. & NIEUKERKEN E. J. van (eds): *Fauna Europaea: Lepidoptera, Moths*. Fauna Europaea, Version 2.1, <http://www.faunaeur.org/> (accessed 22 December 2009). – FIBIGER M. & SKULE B. 2009: Fauna Europaea: Noctuidae. In: KARSHOLT O. & NIEUKERKEN E. J. van (eds): *Fauna Europaea: Lepidoptera, Moths*. Fauna Europaea, Version 2.1, <http://www.faunaeur.org/> (accessed 22 December 2009). – GAEDIKE R. 1980: Beitrag zur Kenntnis der Mikrolepidopterenfauna der Tschechoslowakei und Ungarns. *Acta Faunistica Entomologica Musei Nationalis Pragae* **16**: 23–32. – GAEDIKE R. 2009: Fauna Europaea: Acrolepiidae. In: KARSHOLT O. & NIEUKERKEN E. J. van (eds): *Fauna Europaea: Lepidoptera, Moths*. Fauna Europaea, Version 2.1, <http://www.faunaeur.org/> (accessed 22 December 2009). – HRUBÝ K. 1964: *Prodromus lepidopter Slovenska. (Prodromus Lepidopterorum Slovaciae)*. Slovenská akadémia vied, Bratislava, 963 pp. (in Slovak and Latin). – HUEMER P. 1998: Neue Erkenntnisse zur Identität und Verbreitung europäischer Oegoconia-Arten (Lepidoptera, Autostichidae). *Mitteilungen der Münchner Entomologischen Gesellschaft* **88**: 99–117. – JANOVSÝ M. & GOTTWALD A. 1990: Pozoruhodné nálezy Lepidopter pro ČSSR – 6 (Bemerkenswerte Lepidopterenfunde für ČSSR – 6). *Zprávy Československé Společnosti Entomologické při ČSAV* **26**: 112–118 (in Czech, English summary). – KRAMPL F. & MAREK J. 1999: Příspěvek k poznání současné fauny motýlů (Lepidoptera) Jizerských hor. (Contribution to the knowledge of recent fauna of moths and butterflies (Lepidoptera) of the Jizerské hory Mts.). *Sborník Severočeského Muzea – Přírodní Vědy* **21**: 145–188 (in Czech, English summary). – KRUŠEK K. & SOLDÁT M. 1980: Motýlí fauna Karlštejnska – 2. část. (Die Schmetterlingsfauna der Gegend von Karlštejn – Teil 2). *Bohemia Centralis* **9**: 109–161 (in Czech, German summary). – KURAS T. & SITEK J. 2007: Motýlí (Lepidoptera) valašských pastvin a návrh managementu na příkladu lokality Losový (CHKO Beskydy). (Butterflies and moths (Lepidoptera) of the Valachian pastures and proposed management showcase at the locality Losovy (Beskydy Landscape Protected Area)). *Práce a Studie Muzea Beskyd (Přírodní Vědy)* **19**: 151–170 (in Czech, English abstract). – LAŠTŮVKA Z. & LIŠKA J. 2009: *Checklist of Lepidoptera of the Czech Republic (Insecta: Lepidoptera)*. <http://www.lepidoptera.wz.cz> (accessed 16 May 2009). – LAŠTŮVKA Z. & MAREK J. 2002: *Motýlí (Lepidoptera) Moravského krasu. Diversita, společenstva a ochrana. Lepidoptera of the Moravian Karst. Diversity, communities and protection*. Korax, Blansko, 124 pp. (in Czech and English). – MAREK J., LAŠTŮVKA A. & VÁVRA J. 1991: Faunistic records from Czechoslovakia. Lepidoptera: Gracillariidae, Bucculatricidae, Lyonetiidae, Coleophoridae, Cosmopterigidae. *Acta Entomologica Bohemoslovaca* **88**: 217–222. – MIRONOV V. 2003: Larentinae II (Perizomini and Eupitheciini). In: HAUSMANN A. (ed.): *The Geometrid Moths of Europe 4*. Apollo Books, Stenstrup, 464 pp. – NOVÁK I. & LIŠKA J. (eds) 1997: Katalog motýlů (Lepidoptera) Čech. Katalog der Falter (Lepidoptera) Böhmens. Catalogue of the Bohemian Lepidoptera. *Klapalekiana* **33 (Supplementum)**: 1–159 (in Czech and German, English introduction). – NUPPONEN K., BENGTSOON B. A., KAITILA J. P., NUPPONEN T., JUNNILAINEN J. & OLSCHWANG V. 2000: The scythridid fauna of the southern Ural Mountains, with description of fourteen new species (Lepidoptera: Scythrididae). *Entomologica Fennica* **11**: 5–34. – RAZOWSKI J. 2003: *Tortricidae (Lepidoptera) of Europe. Vol. 2, Olethreutinae*. F. Slamka, Bratislava, 301 pp. – STERNECK J. & ZIMMERMANN F. 1933: *Prodromus der Schmetterlingsfauna Böhmens II. (Microlepidoptera)*. J. Sterneck, Karlsbad, 168 pp. – NUSS M. & STÜBNER A. 2003: Coleophora variicornis Toll, 1952 stat. rev. is a distinct species occurring in central Europe (Coleophoridae). *Nota Lepidopterologica* **26**: 27–34. – PATOČKA J. 1958: Beitrag zur Kenntnis des Tannenwicklers Epinotia pusillana (Peyerimhoff). *Beiträge zur Entomologie* **8**: 325–333. – SKALA H. 1936: Zur Lepidopterenfauna Mährens und Schlesiens. *Arbeiten aus der Entomologischen Abteilung des Landesmuseums in Brünn* **3**: 1–197. – STÜBNER A. 2007: Taxonomische Revision der Coleophora frischella-Artengruppe (Coleophoridae). *Nota Lepidopterologica* **30**: 121–172. – SUTTER R. 2003: Die Arten der Gattung Oegoconia Stainton, 1854 in Deutschland und ihre Verbreitung in Ostdeutschland (Lepidoptera: Autostichidae). *Beiträge zur Entomologie* **53**: 437–447. – ŠUMPICH J., MIKÁT M., MARŠÍK L., DUFEK T., MAREK J. & ELSNER V. 2007: Faunistic

records from the Czech Republic – 239. Lepidoptera: Adelidae, Yponomeutidae, Autostichidae, Cosmopterigidae, Depressaridae, Elachistidae, Gelechiidae, Tortricidae, Pyralidae, Crambidae, Geometridae, Noctuidae. *Klapalekiana* **43**: 215–220. – TOKÁR Z., RICHTER I., PASTORÁLIS G. & SLAMKA F. 2002: New and interesting records of Lepidoptera of Slovakia from the years 1998-2001. *Entomofauna Carpathica* **14**: 1–11. – TREMATERRA P. & BALDIZZONE G. 2004: Records of Tortricidae (Lepidoptera) from Krk Island (Croatia). *Entomologica Croatica* **8**: 25–44. – VIVES A. 2009: Fauna Europaea: Autostichidae. In: KARSHOLT O. & NIEUKERKEN E. J. van (eds): *Fauna Europaea: Lepidoptera, Moths*. Fauna Europaea, Version 2.1, <http://www.faunaeur.org/> (accessed 22 December 2009). – VYSOKÝ V., KLÍR J. & FUCHSA M. 1987: Motýli okresu Ústí nad Labem. (Lepidoptera of the district Ústí nad Labem in North Bohemia). *Přírodovědecký Sborník Okresního Vlastivědného Muzea v Ústí nad Labem* **1986(1)**: 1–96 (in Czech, English summary). – ZILLI A., RONKAY L. & FIBIGER M. 2005: *Noctuidae Europaeae. Vol. 8. Apameini*. Entomological Press, Sorø, 323 pp.

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